

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

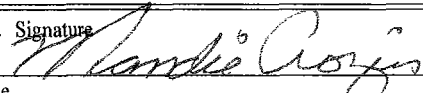
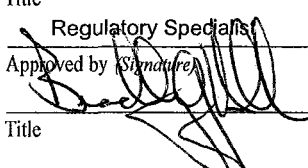
FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-69060
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. NA
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 13-29-8-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SW 503' FSL 594' FWL 40.083187 At proposed prod. zone 572483X 4437126Y -110.149852		9. API Well No. 43013-34171
14. Distance in miles and direction from nearest town or post office* Approximately 10.0 miles southwest of Myton, UT		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 503' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 29, T8S R16E
16. No. of acres in lease 1,130.40		12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1518'		20. BLM/BIA Bond No. on file WYB000493
19. Proposed Depth 6,530'		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5692' GL
22. Approximate date work will start*		23. Estimated duration (7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. I, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-22-09
Title Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

RECEIVED

\*(Instructions on page 2)

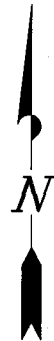
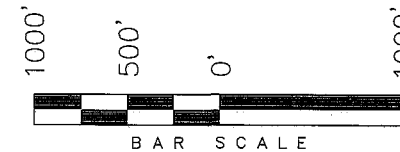
JAN 13 2009

DIV. OF OIL, GAS & MINING

Federal Approval of this  
Action is Necessary

*NEWFIELD PRODUCTION COMPANY*

WELL LOCATION, FEDERAL 13-29-8-16,  
LOCATED AS SHOWN IN THE SW 1/4 SW  
1/4 OF SECTION 29, T8S, R16E, S.L.B.&M.  
DUCESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE DEED WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF No. 189377

2001-01-15 STACY W. STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 180330  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED:  
11-30-08

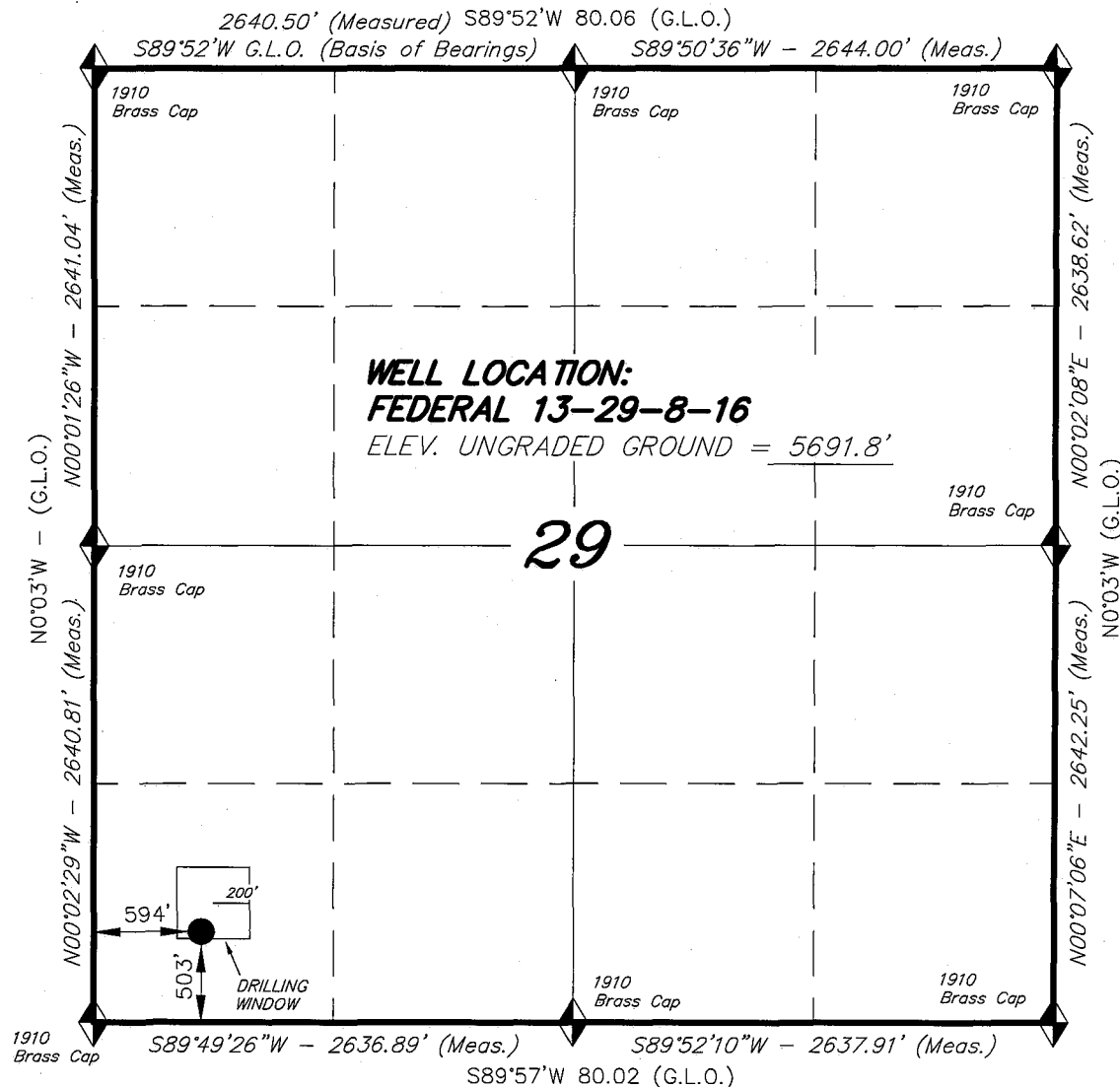
SURVEYED BY: C.M.

DATE DRAWN:  
11-11-08

DRAWN BY: M.W.

REVISÉ:

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

FEDERAL 13-29-8-16  
(Surface Location) NAD 83  
LATITUDE = 40° 04' 58.99"  
LONGITUDE = 110° 09' 02.18"

**NEWFIELD PRODUCTION COMPANY  
FEDERAL 13-29-8-16  
SW/SW SECTION 29, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1715'
Green River	1715'
Wasatch	6530'

Base of Moderately Saline Ground Water @ 5250'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1715' – 6530' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
FEDERAL 13-29-8-16  
SW/SW SECTION 29, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 13-29-8-16 located in the SW 1/4 SW 1/4 Section 29, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly - 7.0 miles  $\pm$  to it's junction with the beginning of the proposed access road to the southwest; proceed southwesterly along the proposed access road - 7070'  $\pm$ ; turn and proceed in a southeasterly direction along the proposed access road - 1880'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

All permanent surface equipment will be painted Carlsbad Canyon.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right : 43-7478

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Paleontological Resource Survey for this area is attached. Paleontological Resource Survey prepared by, Wade E. Miller, 9/25/02. The Archaeological Resource Survey will be forthcoming. See attached report cover page, Exhibit "D".

Newfield Production Company requests a 2430' ROW in Lease UTU-77339, a 1490' ROW in Lease UTU-69061, a 1100' ROW in Lease UTU-81000, and 3930' of disturbed area be granted in Lease UTU-69060 to allow for construction of the planned access road. **Refer to Topographic Map "B"**. A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 1430' ROW in Lease UTU-77339 and 450' of disturbed area be granted in Lease UTU-69060 to allow for construction of the proposed surface gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 1430' ROW in Lease UTU-77339 and 450' of disturbed area be granted in Lease UTU-69060 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the

proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

#### **Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

#### **Threatened, Endangered, And Other Sensitive Species**

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 15 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between May 15 and June 15 within a 0.5 mile radius of any documented mountain plover nest site.

#### **Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

#### **Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

#### **Details of the On-Site Inspection**

The proposed Federal 13-29-8-16 was on-sited on 11/25/08. The following were present; Tim Eaton (Newfield Production ) and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

#### **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

##### Representative

Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

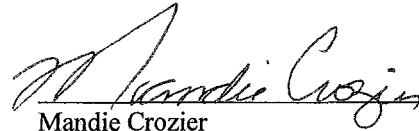
##### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-29-8-16 SW/SW Section 29, Township 8S, Range 16E: Lease UTU-69060 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

12/12/08

Date



Mandie Crozier

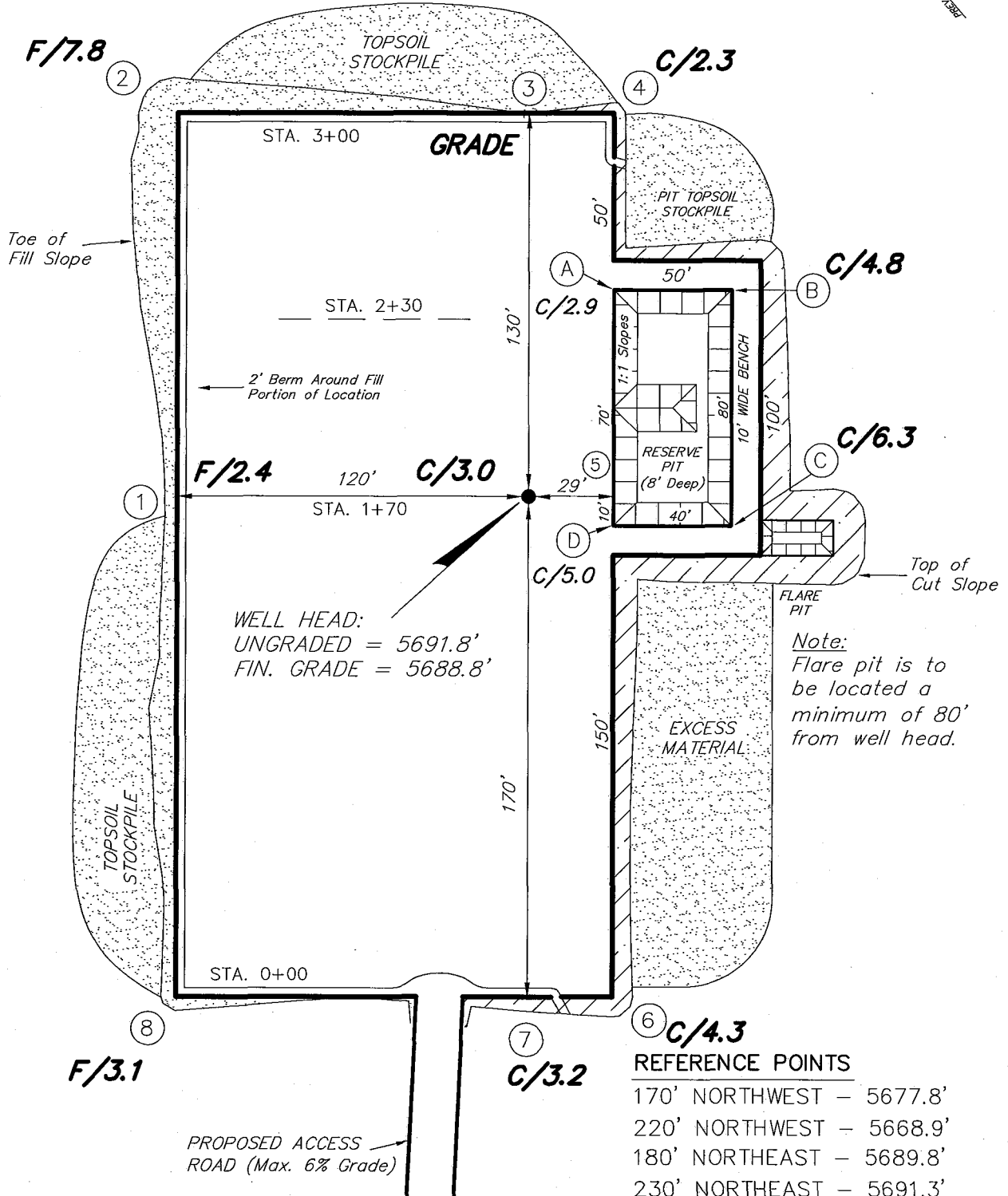
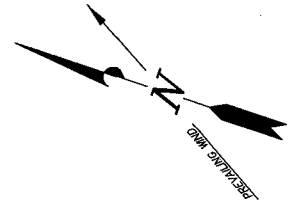
Regulatory Specialist

Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

FEDERAL 13-29-8-16

Section 29, T8S, R16E, S.L.B.&M.



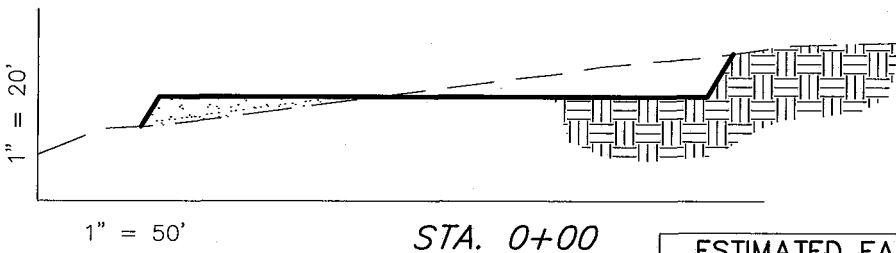
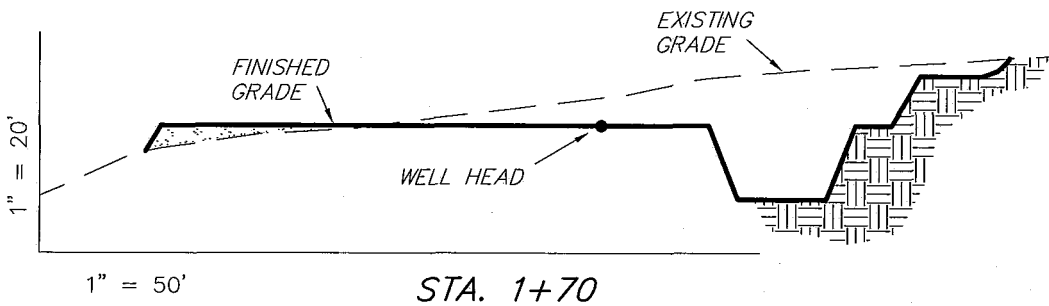
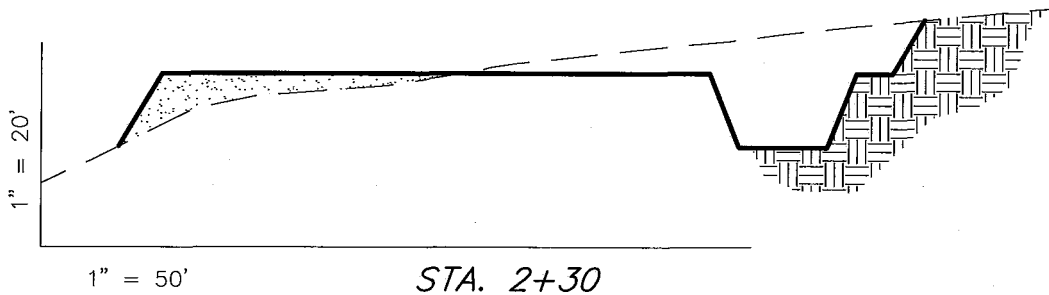
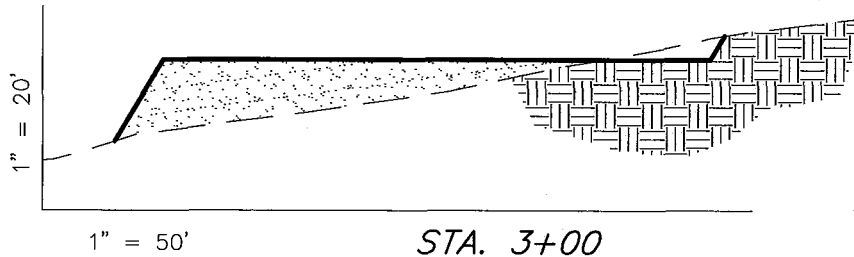
SURVEYED BY: C.M.	DATE SURVEYED: 10-30-08
DRAWN BY: M.W.	DATE DRAWN: 11-11-08
SCALE: 1" = 50'	REVISED:

**Tri State**  
 Land Surveying, Inc.  
 (435) 781-2501  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS FEDERAL 13-29-8-16



NOTE:  
UNLESS OTHERWISE  
NOTED ALL CUT/FILL  
SLOPES ARE AT 1:5:1

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

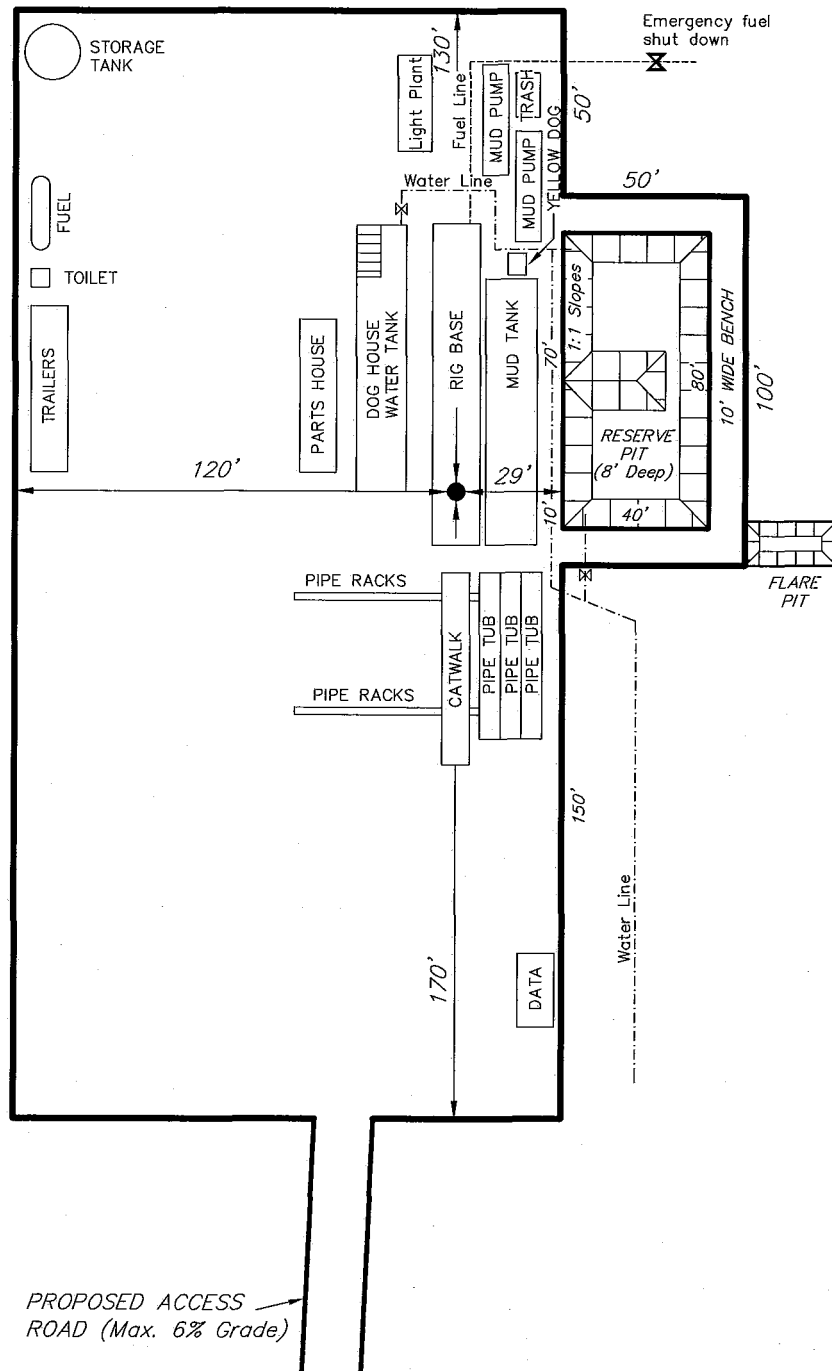
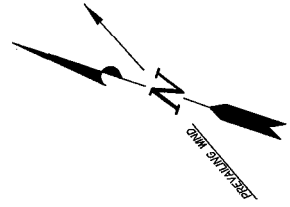
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,600	2,600	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,240	2,600	1,060	640

SURVEYED BY: C.M.	DATE SURVEYED: 10-30-08
DRAWN BY: M.W.	DATE DRAWN: 11-11-08
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT FEDERAL 13-29-8-16



SURVEYED BY: C.M.	DATE SURVEYED: 10-30-08
DRAWN BY: M.W.	DATE DRAWN: 11-11-08
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# Nowfield Production Company

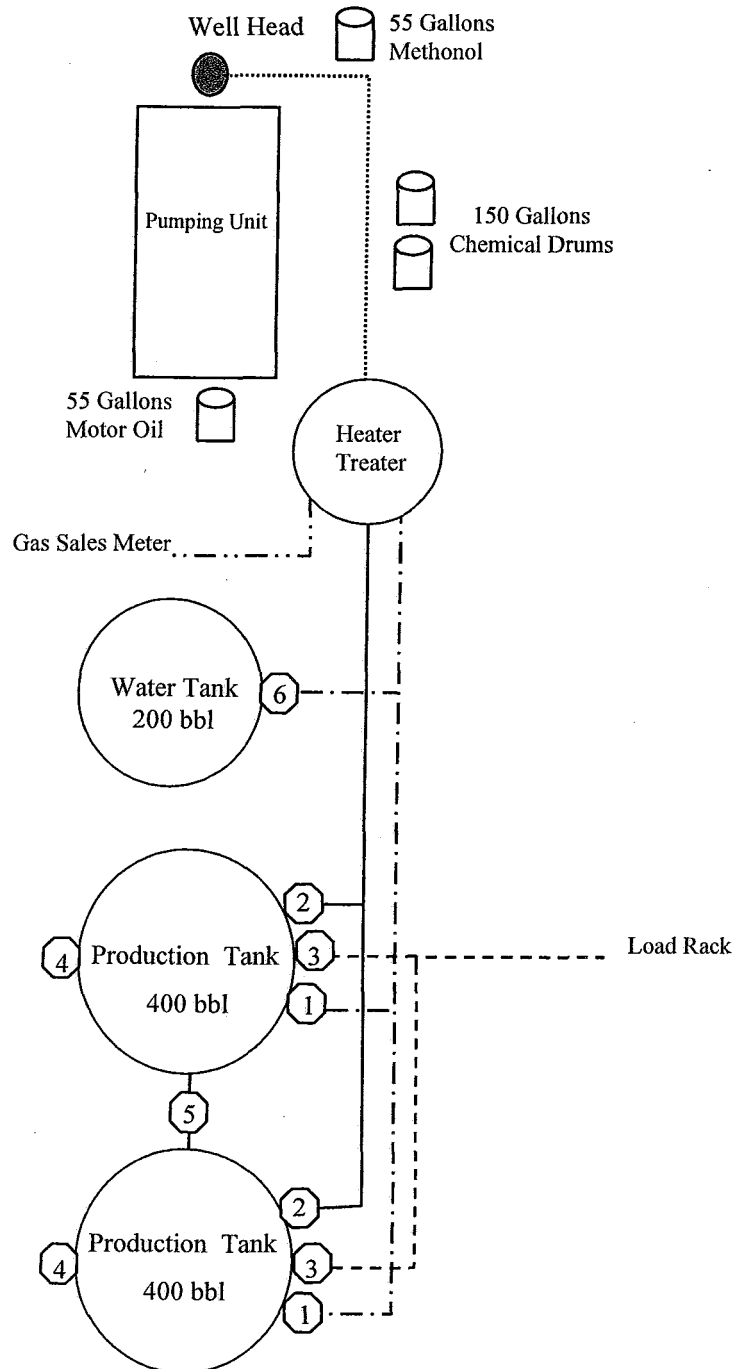
## Proposed Site Facility Diagram

Federal 13-29-8-16

SW/SW Sec. 29, T8S, R16E

Duchesne County, Utah

UTU-69060



### Legend

Emulsion Line	.....
Load Rack	-----
Water Line	- - - - -
Gas Sales	.....
Oil Line	—————

### Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

### Sales Phase:

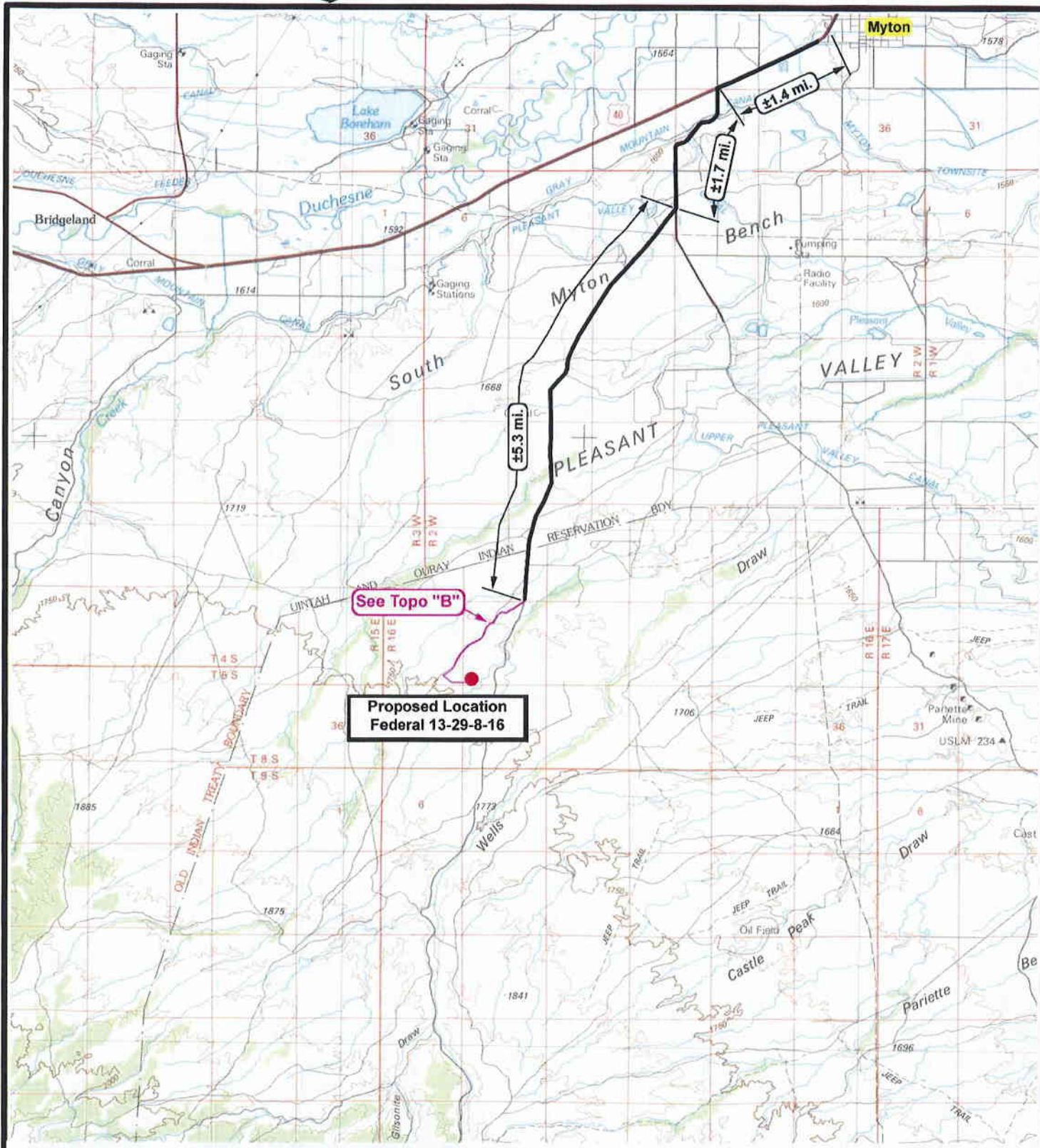
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open


### Draining Phase:

- 1) Valves 1 and 6 open

Diked Section







**NEWFIELD**  
Exploration Company

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**Federal 13-29-8-16**  
**SEC. 29, T8S, R16E, S.L.B.&M.**





**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

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SCALE: 1 = 100,000  
DRAWN BY: JAS  
DATE: 11-17-2008

**Legend**

 Existing Road

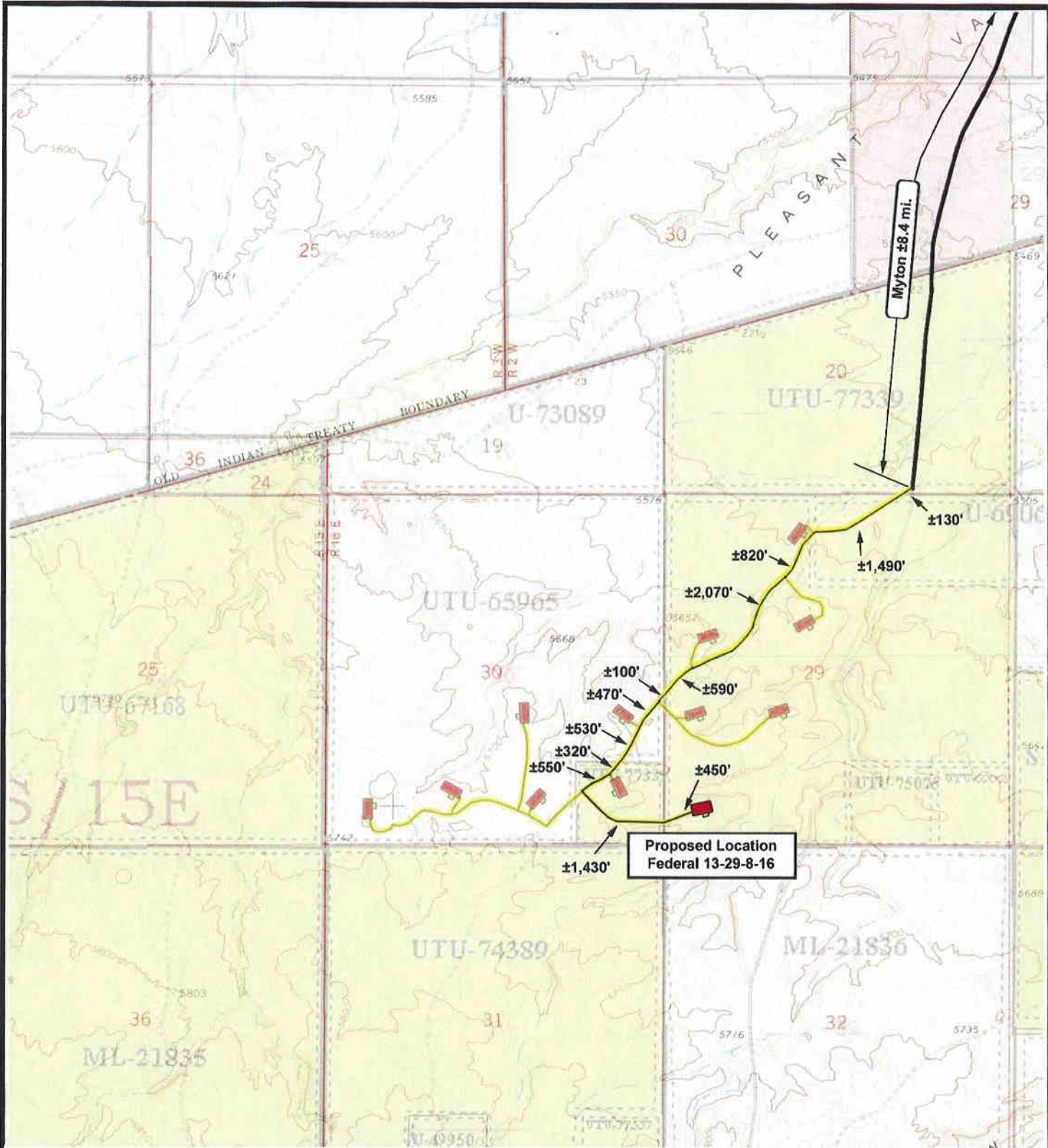
 Proposed Access


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TOPOGRAPHIC MAP

**"A"**







**NEWFIELD**  
Exploration Company

**Federal 13-29-8-16**  
**SEC. 29, T8S, R16E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: JAS  
DATE: 11-17-2008

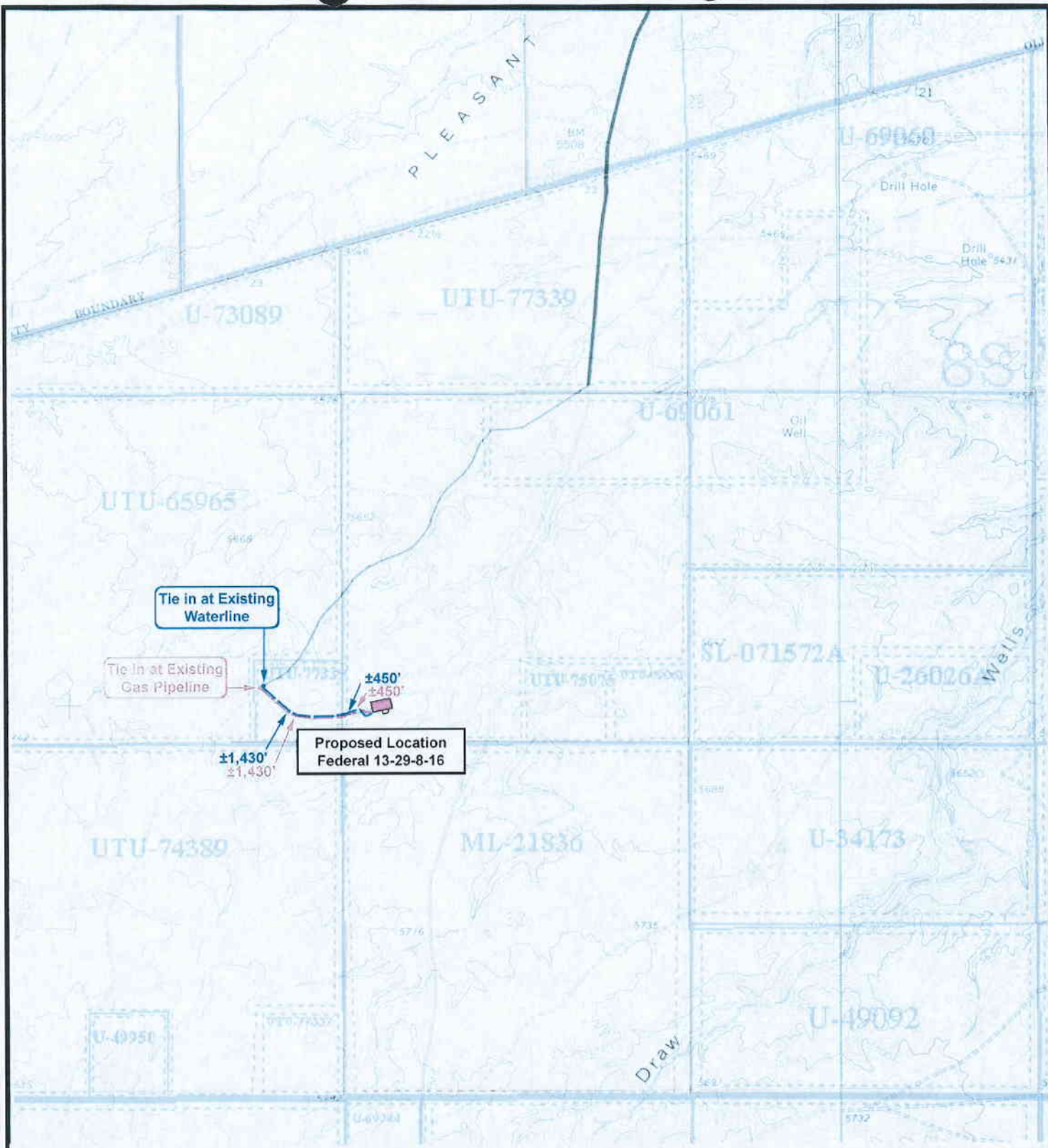
**Legend**

— Existing Road

— Proposed Access

**TOPOGRAPHIC MAP**

**"B"**



**NEWFIELD**  
Exploration Company

**Federal 13-29-8-16**  
**SEC. 29, T8S, R16E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**

**DRAWN BY: JAS**

**DATE: 11-21-2008**

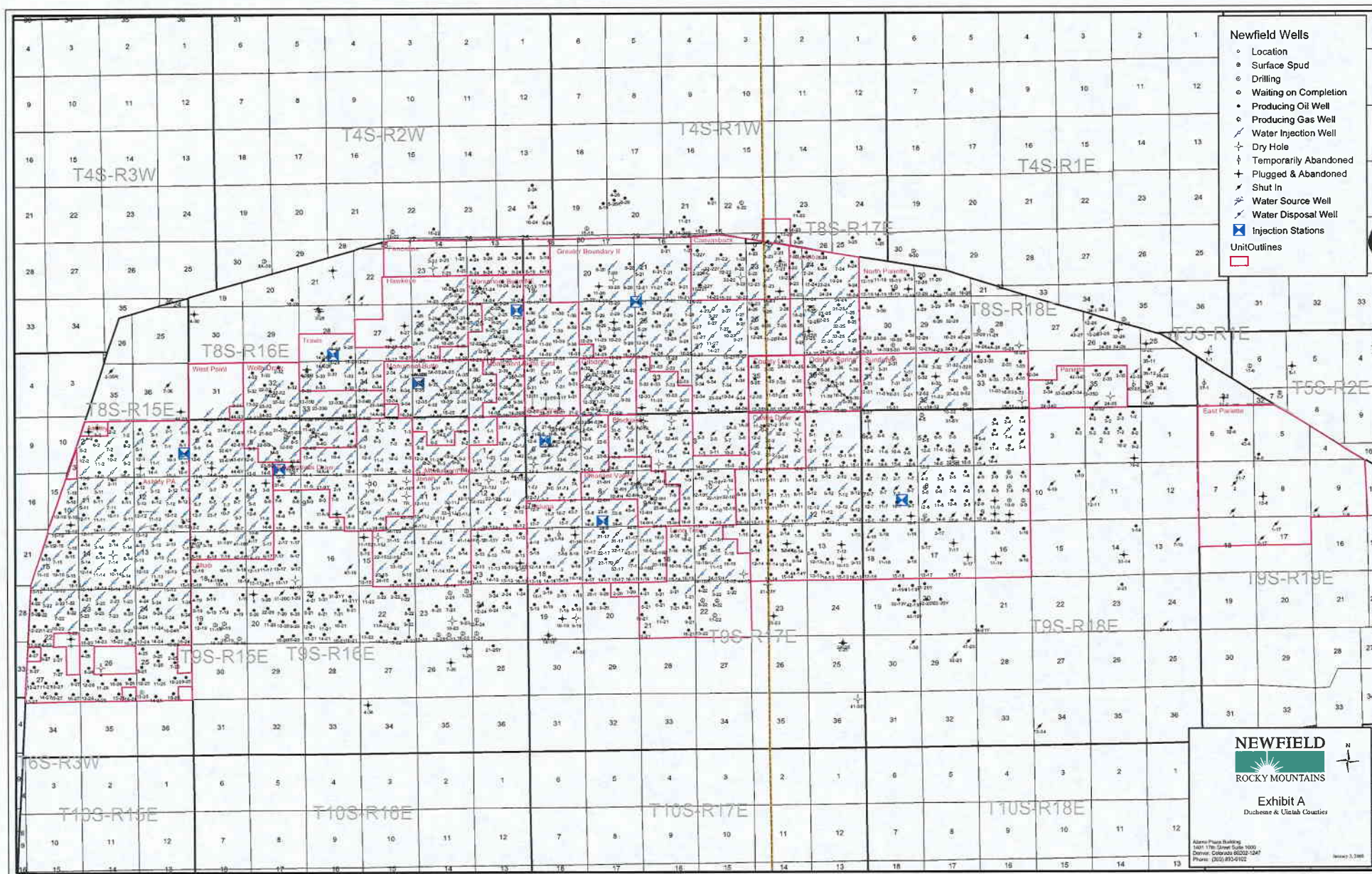
**Legend**

- Roads
- Proposed Gas Line
- Proposed Water Line

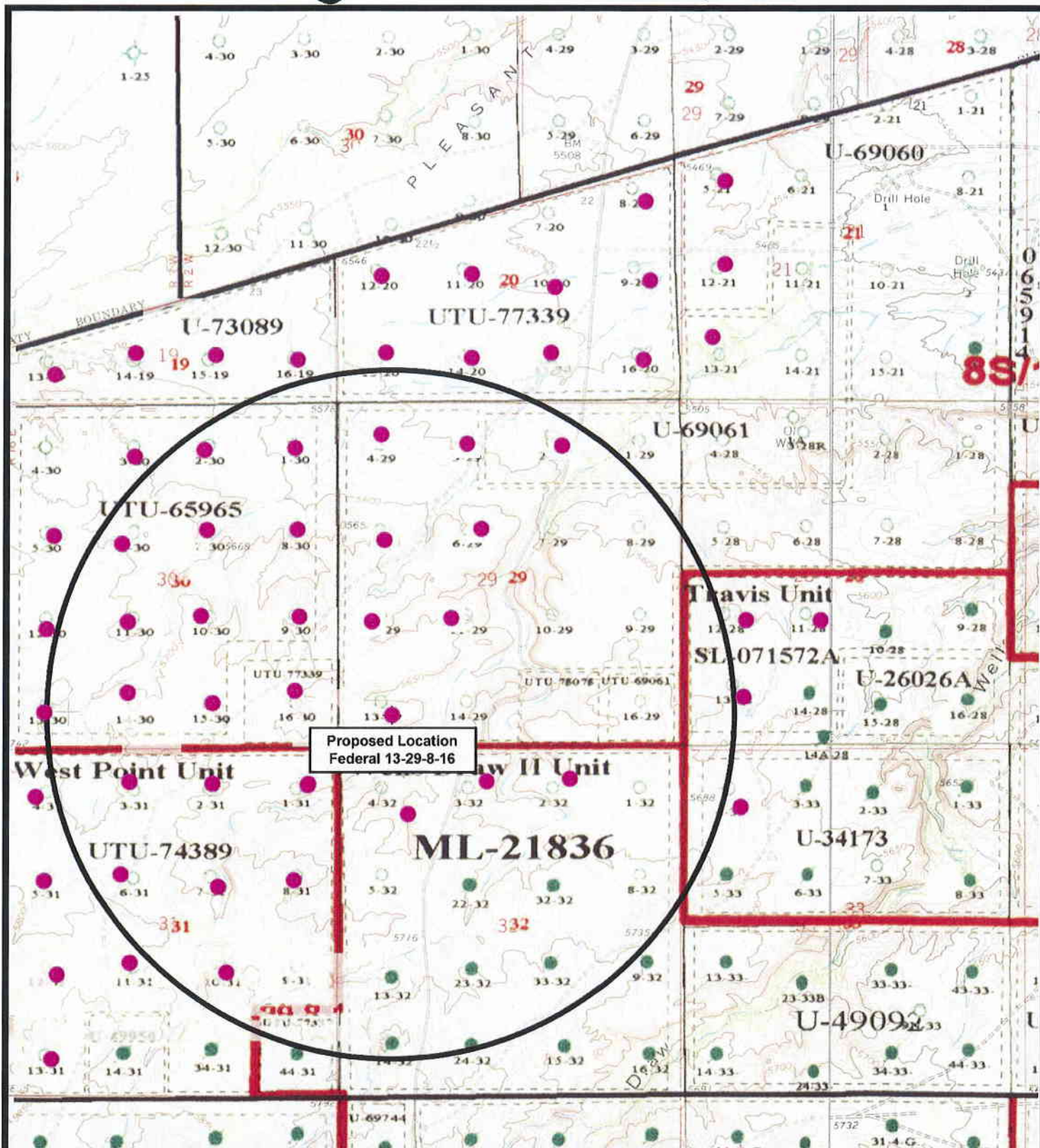
**TOPOGRAPHIC MAP**

**"C"**









Proposed Location  
Federal 13-29-8-16



**Federal 13-29-8-16**  
**SEC. 29, T8S, R16E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: JAS  
DATE: 11-17-2008

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**



# 2-M SYSTEM

Blowout Prevention Equipment Systems

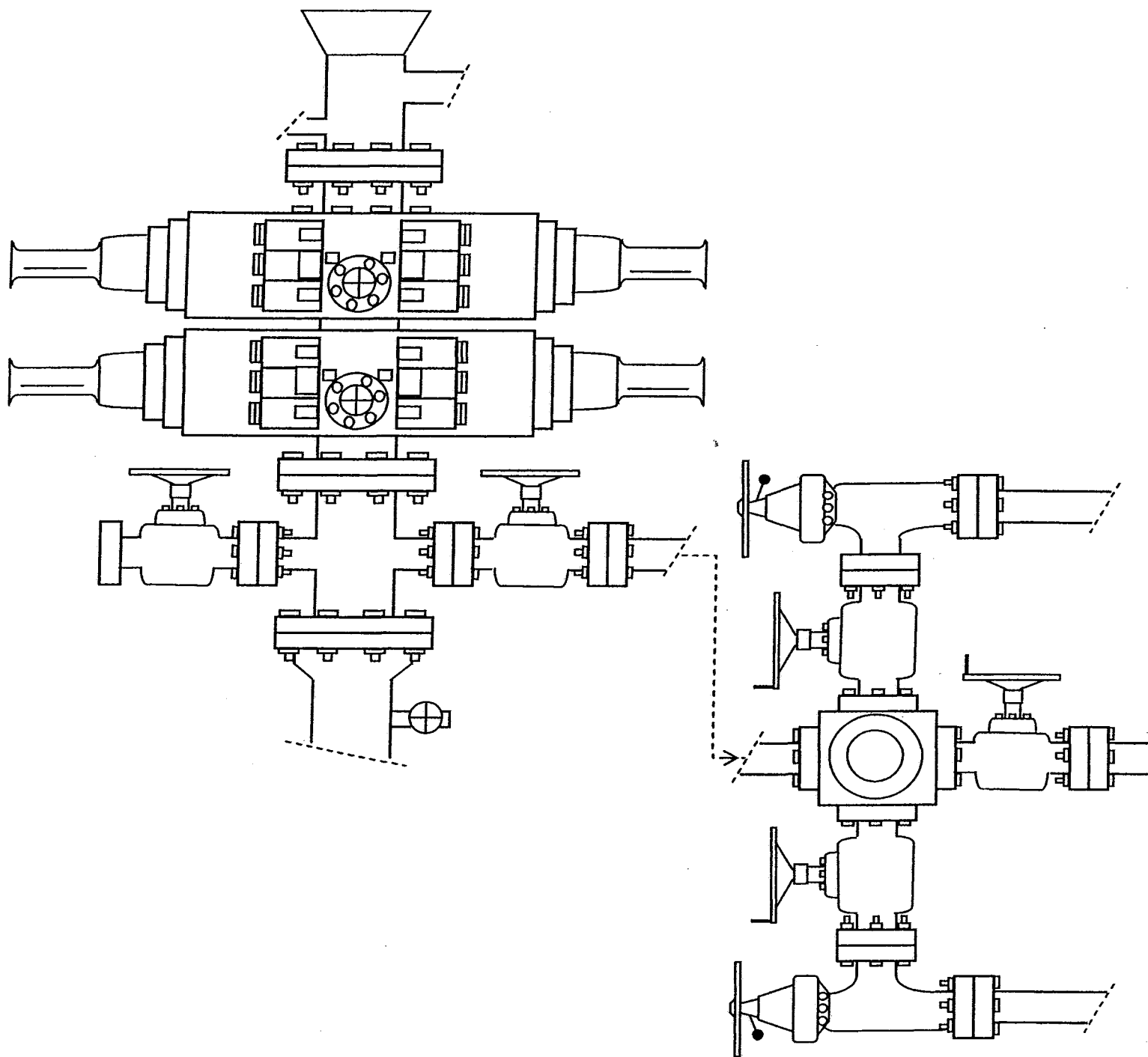


EXHIBIT C

Exhibit "D"

**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE AND UTAH COUNTIES, UTAH**

(NE & SE 1/4, Sec. 2, - SW, SW 1/4, Sec. 15, - NW, NW 1/4 & NE, SE 1/4, Sec. 22,  
SE 1/4, Sec. 23, - NE, SW 1/4, Sec. 24, - NE, SW 1/4, Sec. 27, T 9 S, R 15 E.  
~~SE, SE 1/4, Sec. 20 - SW 1/4, Sec. 29 - SE, SE 1/4, Sec. 30 - NE, NE 1/4, Sec. 31,~~  
~~T 8 S, R 16 E.~~ NE, SW 1/4, Sec. 20, - NE, NE 1/4, Sec. 22, T 9 S, R 16 E, Duchesne  
County. NW, NE 1/4, Sec. 25, T 9 S, R 17 E. SW 1/4, Sec. 6, - NW 1/4, Sec. 1,  
NW 1/4, Sec. 14, - NW, NE 1/4, Sec. 23, T 9 S, R 18 E, Uintah County.)

**REPORT OF SURVEY**

Prepared for: .....

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
September 25, 2002

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/13/2009

API NO. ASSIGNED: 43-013-34171

WELL NAME: FEDERAL 13-29-8-16

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

**PROPOSED LOCATION:**

SWSW 29 080S 160E

SURFACE: 0503 FSL 0594 FWL

BOTTOM: 0503 FSL 0594 FWL

COUNTY: DUCHESNE

LATITUDE: 40.08319 LONGITUDE: -110.1499

UTM SURF EASTINGS: 572483 NORTHINGS: 4437126

FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-69060

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-7478 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

\_\_\_ R649-2-3.  
Unit: \_\_\_  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
\_\_\_ Drilling Unit  
Board Cause No: \_\_\_  
Eff Date: \_\_\_  
Siting: \_\_\_  
\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_









JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 22, 2009

Newfield Production Company  
Rt. 3, Box 3630  
Myton, UT 84052

Re: Federal 13-29-8-16 Well, 503' FSL, 594' FWL, SW SW, Sec. 29, T. 8 South, R. 16 East,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34171.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office



**Operator:** Newfield Production Company

**Well Name & Number** Federal 13-29-8-16

**API Number:** 43-013-34171

**Lease:** UTU-69060

**Location:** SW SW                      **Sec.** 29                      **T.** 8 South                      **R.** 16 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

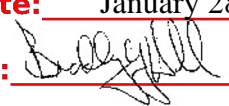
- Contact Dustin Doucet at (801) 538-5281      (801) 733-0983 home

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-69060			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 13-29-8-16			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0503 FSL 0594 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 29 Township: 08.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013341710000			
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED			
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/22/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION            OTHER:         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Newfield requests to extend the permit to drill this well for one year.					
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> January 28, 2010 <b>By:</b> 					
<b>NAME (PLEASE PRINT)</b> Mandie Crozier		<b>PHONE NUMBER</b> 435 646-4825			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Tech			
<b>DATE</b> 1/26/2010					



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43013341710000

**API:** 43013341710000

**Well Name:** FEDERAL 13-29-8-16

**Location:** 0503 FSL 0594 FWL QTR SWSW SEC 29 TWP 080S RNG 160E MER S

**Company Permit Issued to:** NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 1/22/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Mandie Crozier

**Date:** 1/26/2010

**Title:** Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

**Date:** January 28, 2010

**By:**

**RECEIVED** January 26, 2010



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**  
ADDRESS: **RT. 3 BOX 3630**  
**MYTON, UT 84052**

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400 ✓	4301334171	FEDERAL 13-29-8-16	SWSW	29	8S	16E	DUCHESNE	5/4/2010	5/18/10
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	17612	4304740580	UTE TRIBAL 1-1-5-1E	NENE	1	5S	1E	UINTAH	5/1/2010	5/18/10
WELL 2 COMMENTS: <i>GRRV</i>											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

MAY 10 2010

DIV. OF OIL, GAS & MINING

Signature *[Signature]* Jentri Park  
Production Clerk  
05/07/10  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

0503 FSL 0594 FWL

SWSW Section 29 T8S R16E

5. Lease Serial No.

UTU-69060

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

FEDERAL 13-29-8-16

9. API Well No.

4301334171

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injector

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug & Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other \_\_\_\_\_  
Spud Notice

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5/5/10 MIRU Ross # 29. Spud well @ 9:00 AM. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# casing. Set @ 314.73' KB. On 5/6/10 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# per sk Cello Flake mixed @ 15.8 ppg with 1.17 cf/sk yield. Returned 3 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mitch Benson

Signature

Title

Drilling Foreman

Date

05/08/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

**MAY 18 2010**

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

**8 5/8" CASING SET AT 314.73**

LAST CASING	<u>8 5/8"</u>	SET AT	<u>314.73</u>
DATUM	<u>12</u>		
DATUM TO CUT OFF CASING		<u>12</u>	
DATUM TO BRADENHEAD FLANGE			<u>12</u>
TD DRILLER	<u>320</u>	LOGG	<u>320</u>
HOLE SIZE	<u>12 1/4"</u>		

OPERATOR Newfield Exploration Company  
WELL FEDERAL 13-29-8-16  
FIELD/PROSPECT Monument Butte  
CONTRACTOR & RIG # Ross # 29

## LOG OF CASING STRING:

[illegible]

<b>CEMENT USED</b>		<b>CEMENT COMPANY- BJ Services</b>
<b>STAGE</b>	<b># SX</b>	<b>CEMENT TYPE &amp; ADDITIVES</b>
1	160	Class G + 2%KCL +.25#/sk cello flake @ 15.8ppg and 1.17 yield
<b>CENTRALIZER &amp; SCRATCHER PLACEMENT</b>		<b>SHOW MAKE &amp; SPACING</b>
Middle of first , top of second and third for a total of three		

COMPANY REPRESENTATIVE

DATE 5/8/2010

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-69060

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:  
FEDERAL 13-29-8-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301334171

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 29, T8S, R16E

STATE: UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  06/22/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 06-22-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 06/22/2010

(This space for State use only)

**RECEIVED**  
**JUN 28 2010**  
DIV. OF OIL, GAS & MINING

**Daily Activity Report****Format For Sundry****FEDERAL 13-29-8-16****4/1/2010 To 8/30/2010****6/7/2010 Day: 1****Completion**

Rigless on 6/7/2010 - Test casing. CBL/Perferate 1st stage. - RU frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 6594' w/ cmt top @ 34'. RIH w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°, 16.82"pen) & perferate CP5 sds @ 6211-15', 6203-05' w/ 3 spf for total of 18 shots. SIFN w/ 157 bbls EWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$12,374

---

**6/17/2010 Day: 2****Completion**

Nabors #814 on 6/17/2010 - Frac, perforate & flowback well. MIRUSU. - Perforate & frac well as detailed. 2614 BWTR. Open well for immediate flowback @ approx 3 BPM. Well flowed for 5 hours & died. Recovered 720 bbls. MIRU Nabors 814.

**Daily Cost:** \$0**Cumulative Cost:** \$119,402

---

**6/21/2010 Day: 3****Completion**

Nabors #814 on 6/21/2010 - PU tbg & drill out plugs. - Check pressure on well, 0 psi. RU swab equipment. Made 21 runs w/ SFL @ surface & EFL @ 1500'. Recovered 152 bbls w/ trace of oil, no show of gas or sand. RD swab equipment. TOOH w/ tbg & LD BHA. TIH w/ tbg as detailed. ND BOPs. Set TA @ 6184' w/ 17,000#s tension. NU wellhead. X-over for rods. SWIFN. 1744 BWTR. - Check pressure on well, 0 psi. RU swab equipment. Made 21 runs w/ SFL @ surface & EFL @ 1500'. Recovered 152 bbls w/ trace of oil, no show of gas or sand. RD swab equipment. TOOH w/ tbg & LD BHA. TIH w/ tbg as detailed. ND BOPs. Set TA @ 6184' w/ 17,000#s tension. NU wellhead. X-over for rods. SWIFN. 1744 BWTR. - Check pressure on well, 400 psi. Bleed pressure off to pit. ND frac BOPs & wellhead. NU production well head & BOPs. Talley & PU 4 3/4" Chomp bit, bit sub & 2 7/8" J-55 8rd EUE tbg. Tag fill @ 5676'. RU drill equipment. Clean out to plug @ 5677'. Drill out plug. Continue PU tbg & tag plug @ 6007'. Drill out plug. Continue PU tbg & tag plug @ 6167'. Continue PU tbg & tag fill @ 6606'. Clean out to PBTD @ 6636'. Circulate well clean. RD power swivel. LD 4- jts tbg. SWIFN. - Check pressure on well, 400 psi. Bleed pressure off to pit. ND frac BOPs & wellhead. NU production well head & BOPs. Talley & PU 4 3/4" Chomp bit, bit sub & 2 7/8" J-55 8rd EUE tbg. Tag fill @ 5676'. RU drill equipment. Clean out to plug @ 5677'. Drill out plug. Continue PU tbg & tag plug @ 6007'. Drill out plug. Continue PU tbg & tag plug @ 6167'. Continue PU tbg & tag fill @ 6606'. Clean out to PBTD @ 6636'. Circulate well clean. RD power swivel. LD 4- jts tbg. SWIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$166,947

---

**6/22/2010 Day: 5****Completion**

Nabors #814 on 6/22/2010 - PU rods & PWOP. - Flush tbg w/ 30 BW. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 24' RHAC-rod pump. PU rods as detailed. RU pumping unit. Stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 12:30 PM w/ 122" SL & 5 SPM. 1774 BWTR.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$208,850

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**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 20101a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: \_\_\_\_\_2. Name of Operator  
NEWFIELD EXPLORATION COMPANY3. Address  
1401 17TH ST. SUITE 1000 DENVER, CO 802023a. Phone No. (include area code)  
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 503' FSL &amp; 594' FWL (SW/SW) SEC. 29, T8S, R16E

At top prod. interval reported below

At total depth 6665'

14. Date Spudded  
05/04/201015. Date T.D. Reached  
05/29/201016. Date Completed 06/21/2010  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
5692' GL 5704' KB18. Total Depth: MD 6665'  
TVD19. Plug Back T.D.: MD 6657'  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	315'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6657'		300 PRIMLITE		34'	
						401 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT @ 6283'	TA @ 6186'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Green River			6203-6215' CP5	.36"	3	18
B) Green River			6079-6096' CP4	.36"	3	24
C) Green River			5883-5969' CP.5 CP2	.36"	3	39
D) Green River			5496-5708' LODC	.36"	3	63

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6203-6215'	Frac w/ 15486#'s 20/40 sand in 132 bbls of Lightning 17 fluid.
6079-6096'	Frac w/ 15009#'s 20/40 sand in 131 bbls of Lightning 17 fluid.
5883-5969'	Frac w/ 24897#'s 20/40 sand in 231 bbls of Lightning 17 fluid.
5496-5708'	Frac w/ 198688#'s 20/40 sand in 1157 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6-23-10	7-3-10	24	→	30	0	52			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

## GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3910' 4132'
				GARDEN GULCH 2 POINT 3	4245' 4514'
				X MRKR Y MRKR	4778' 4811'
				DOUGALS CREEK MRK BI CARBONATE MRK	4930' 5167'
				B LIMESTON MRK CASTLE PEAK	5280' 5855'
				BASAL CARBONATE WASATCH	6283' 6406'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Date 07/06/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

**Daily Activity Report**

Format For Sundry

**FEDERAL 13-29-8-16****3/1/2010 To 7/30/2010****FEDERAL 13-29-8-16****Waiting on Cement****Date:** 5/8/2010

Ross #29 at 315. Days Since Spud - On 5-4-10 Ross # 29 spud the the Federal 13-29-8-16 drilled 315' of 12 1/4" hole, ran 7 jts of 8 5/8" - flake mixed @ 15.8ppg and 1.17 yield , returned 3 bbls back to pit - casing set @ 314.73'. On 5-6-10 BJ Services Cemented w/ 160 sks of class G+2%KCL+.25#/sk cello

**Daily Cost:** \$0**Cumulative Cost:** \$44,122

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**FEDERAL 13-29-8-16****Drill 7 7/8" hole with fresh water****Date:** 5/25/2010

NDSI #1 at 1394. 1 Days Since Spud - Surface csg @ 1500 PSI Changed out pipe ram rubbers - all test good - Pick up Smith 7 7/8" MI 616 PDC, Hunting 7/8 3.5 1.5° M.M. , Extreme 1x30' Monel 1x2' hang off sub - 21 6" DC - Drill 7 7/8" hole F/260 To 736', w/ 15 WOB, 128 RPM, 360 GPM, ROP 105 - Intall rotating rubber and drive bushings - Drill 7 7/8" hole F/736" -1394', w/ 20 WOB, 160 RPM, 360 GPM, ROP 104 - R/U B&C quicktest Test Kelly, safty valve, choke manifold, Pipe and blind rams @ 2000 PSI - On 5/24/10 MIRU W/Jones Trucking 5 Miles - Notify BLM and State of Rig move and BOP test - Tag @ 260' - Gain circulatoin- Drill out shoe

**Daily Cost:** \$0**Cumulative Cost:** \$72,312

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**FEDERAL 13-29-8-16****Drill 7 7/8" hole with fresh water****Date:** 5/26/2010

NDSI #1 at 3677. 2 Days Since Spud - work on kelly Spinners change out Air Control valve - Drill 7 7/8" hole F/1832' - 2301', w/ 20 WOB, 128 RPM, 356 GPM, ROP 150 - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/2301'-3677', w/ 20 WOB, 160 RPM, 360 GPM, ROP 98 - Drill 7 7/8" hole F/1394'-1832', w/ 20 WOB, 130 RPM, 356 GPM, ROP 97

**Daily Cost:** \$0**Cumulative Cost:** \$103,230

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**FEDERAL 13-29-8-16****Drill 7 7/8" hole with fresh water****Date:** 5/27/2010

NDSI #1 at 5640. 3 Days Since Spud - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/3677'-3704', w/ 20 WOB, 120 RPM, 358 GPM, ROP 98 - Work on pump change Out swab - Drill 7 7/8" hole F/3704'- 4617', w/ 20 WOB, 120 RPM, 350 GPM, ROP 87 - Drill 7 7/8" hole F/4617' - 5640', w/ 20 WOB, 123 RPM, 320 GPM, ROP 90

**Daily Cost:** \$0**Cumulative Cost:** \$131,464

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**FEDERAL 13-29-8-16****Logging****Date:** 5/28/2010

NDSI #1 at 6665. 4 Days Since Spud - Drill 7 7/8" hole F/6180' to 6665' w/20K WOB, TRPM-120, GPM-363, Avg ROP-61 ft/hr - Rig Service, work on pump, function test BOP and Crownomatic - No H2S or flow in last 24 hours - Rig up Halliburton and Log - Drill 7 7/8" hole

F/ 5640' to 6180' w/ 20K WOB,TRPM-120,GPM-350,Avg ROP-83 ft/hr - Break kelly - pump pill and lay down drill pipe - Circulate bottoms up for lay down to log - Lay down BHA

**Daily Cost:** \$0

**Cumulative Cost:** \$170,808

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**FEDERAL 13-29-8-16****Wait on Completion**

**Date:** 5/29/2010

NDSI #1 at 6665. 5 Days Since Spud - bbls back to pit. Bump plug to 1800 psi. BLM & State notified via email - Nipple down and set slips w/ 90K tension - Clean mud tanks - 14.4ppg & 1.24 yield(50:50:2+3%KCL+.25#/sk CF+EC-1+FP+6L) displace w/ 158 bbls of fresh. Returned 28 - Cement w/300 sks of lead @11 ppg & 3.53 yield(PL II+3%KCL+.5#/sk CF+FP+6L) pump 401 sks of tail @ - Circulate casing. - R/U and run 153 jts of 5.5", J-55, 15.5#, LTC set @ 6657.16', high wind gust - Run logs w/ Halliburton - Release rig @ 00:30 AM on 5-29-10 - change rams to 5.5", R/U B&C Quicktest and test 5.5" casing rams to 2000# for 10 minutes **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$276,497

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**Pertinent Files: Go to File List**